

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV111822\  
 Data File : VV029126.D  
 Acq On : 18 Nov 2022 18:25  
 Operator : SY/MD  
 Sample : N5688-03  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BGCE8

Quant Time: Nov 18 23:35:19 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR111122WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Nov 18 04:35:43 2022  
 Response via : Initial Calibration

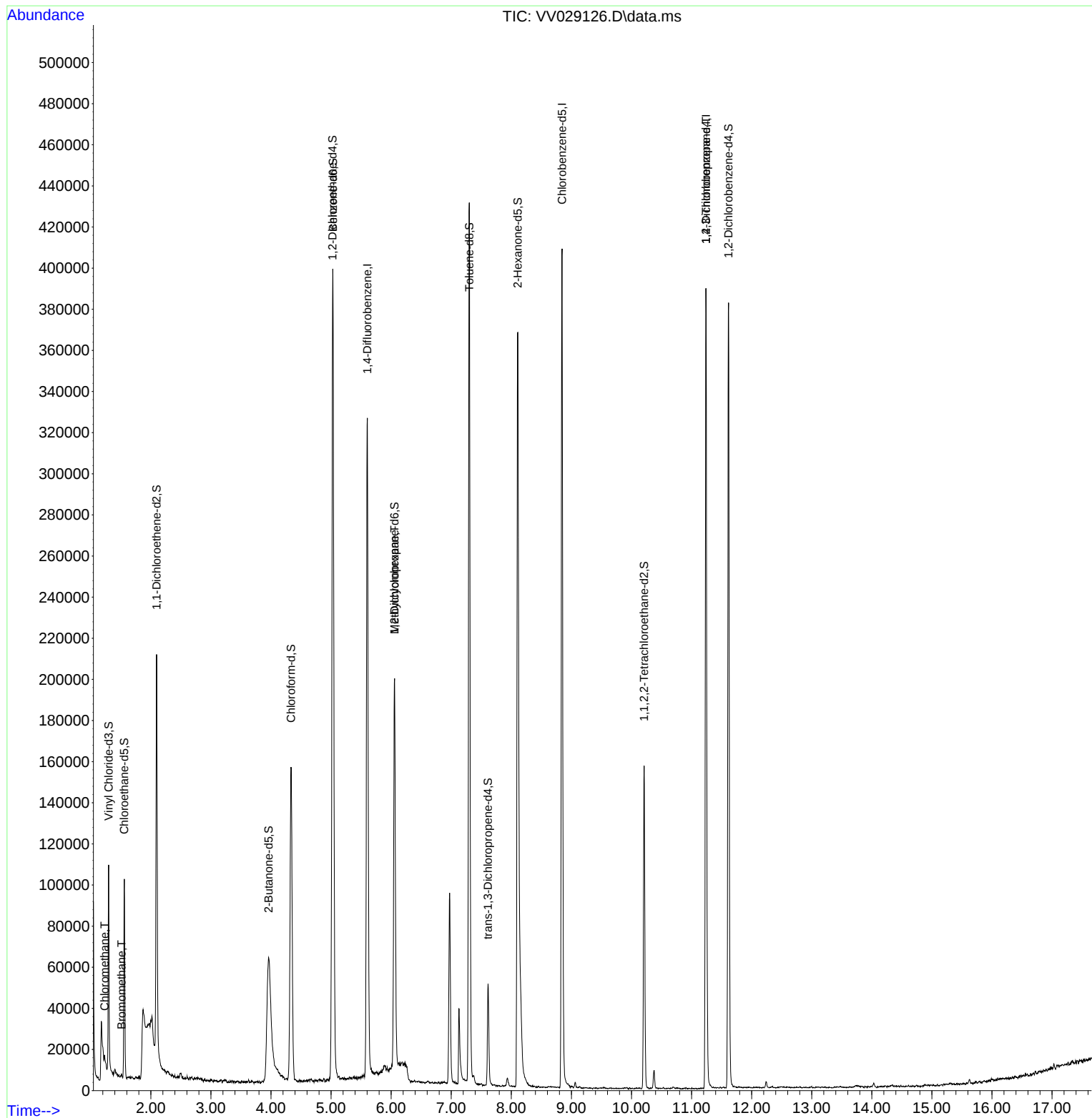
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.603  | 114   | 284279   | 5.000    | ug/L   | -0.01    |
| 28) Chlorobenzene-d5          | 8.844  | 117   | 232400   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.239 | 152   | 106726   | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.298  | 65    | 68979    | 3.980    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 79.600%  |
| 7) Chloroethane-d5            | 1.558  | 69    | 61591    | 4.042    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 80.800%  |
| 11) 1,1-Dichloroethene-d2     | 2.095  | 63    | 96786    | 3.064    | ug/L   | -0.02    |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 61.200%  |
| 20) 2-Butanone-d5             | 3.960  | 46    | 184325   | 63.535   | ug/L   | 0.06     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 127.080% |
| 24) Chloroform-d              | 4.333  | 84    | 160403   | 4.508    | ug/L   | -0.01    |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 90.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.024  | 65    | 83584    | 5.221    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 104.400% |
| 32) Benzene-d6                | 5.031  | 84    | 332641   | 4.795    | ug/L   | -0.02    |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 96.000%  |
| 36) 1,2-Dichloropropane-d6    | 6.056  | 67    | 86623    | 4.472    | ug/L   | -0.01    |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 89.400%  |
| 41) Toluene-d8                | 7.301  | 98    | 285993   | 4.580    | ug/L   | -0.01    |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 91.600%  |
| 43) trans-1,3-Dichloroprop... | 7.613  | 79    | 27635    | 4.374    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 87.400%  |
| 46) 2-Hexanone-d5             | 8.104  | 63    | 142683   | 52.911   | ug/L   | 0.02     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 105.820% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.210 | 84    | 76436    | 5.692    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 113.800% |
| 66) 1,2-Dichlorobenzene-d4    | 11.616 | 152   | 102781   | 5.383    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 107.600% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        |          |
| 3) Chloromethane              | 1.230  | 50    | 2392     | 0.122    | ug/L   | 97       |
| 6) Bromomethane               | 1.513  | 94    | 554      | 0.041    | ug/L   | 84       |
| 35) Methylcyclohexane         | 6.056  | 83    | 24480    | 0.766    | ug/L # | 22       |
| 61) 1,2,3-Trichloropropane    | 11.239 | 75    | 12425    | 1.704    | ug/L # | 64       |
| -----                         |        |       |          |          |        |          |

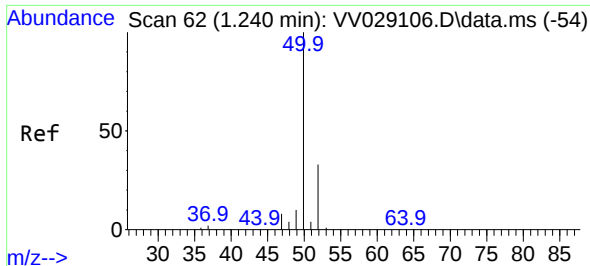
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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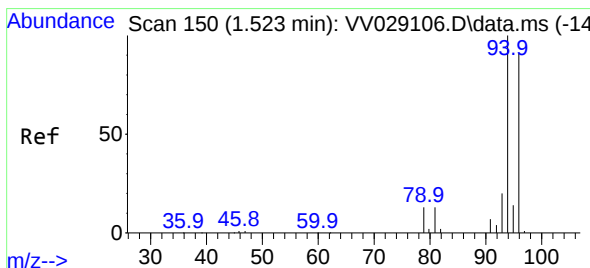
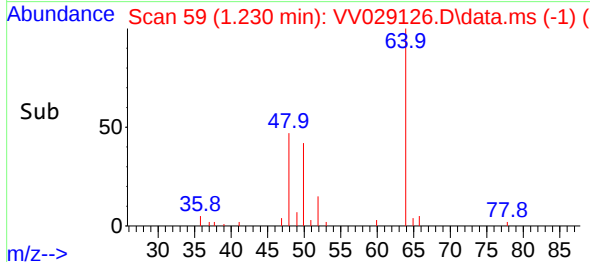
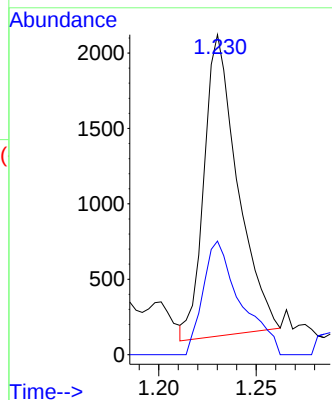
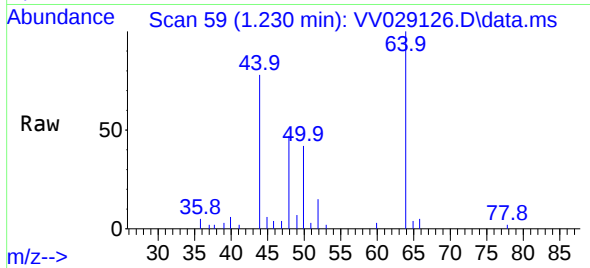




#3  
Chloromethane  
Concen: 0.122 ug/L  
RT: 1.230 min Scan# 51  
Delta R.T. -0.010 min  
Lab File: VV029126.D  
Acq: 18 Nov 2022 18:25

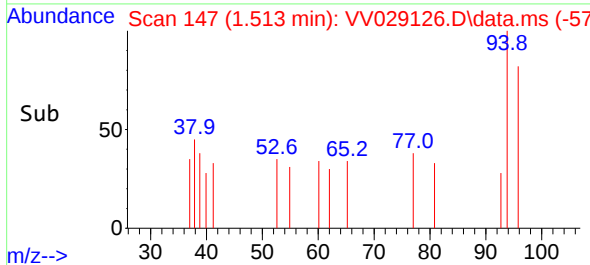
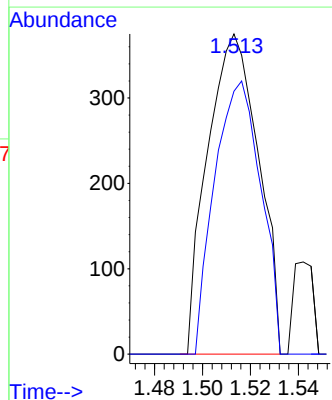
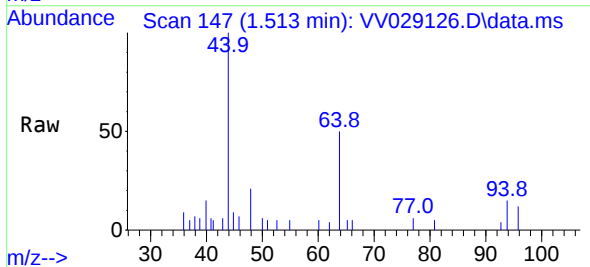
Instrument :  
MSVOA\_V  
ClientSampleId :  
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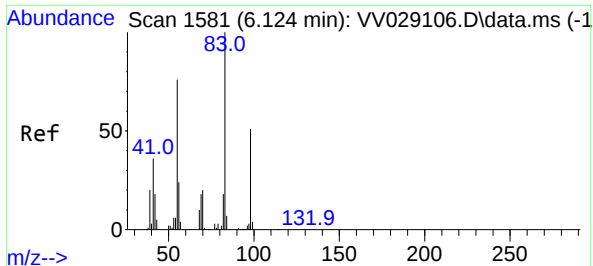
Tgt Ion: 50 Resp: 2392  
Ion Ratio Lower Upper  
50 100  
52 35.5 23.7 43.9



#6  
Bromomethane  
Concen: 0.041 ug/L  
RT: 1.513 min Scan# 147  
Delta R.T. -0.010 min  
Lab File: VV029126.D  
Acq: 18 Nov 2022 18:25

Tgt Ion: 94 Resp: 554  
Ion Ratio Lower Upper  
94 100  
96 82.1 68.5 127.3





#35

Methylcyclohexane

Concen: 0.766 ug/L

RT: 6.056 min Scan# 1

Delta R.T. -0.074 min

Lab File: VV029126.D

Acq: 18 Nov 2022 18:25

Instrument :

MSVOA\_V

ClientSampleId :

BGCE8

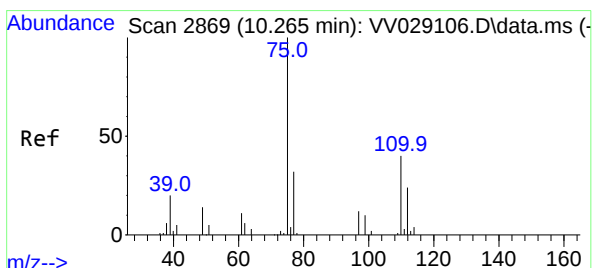
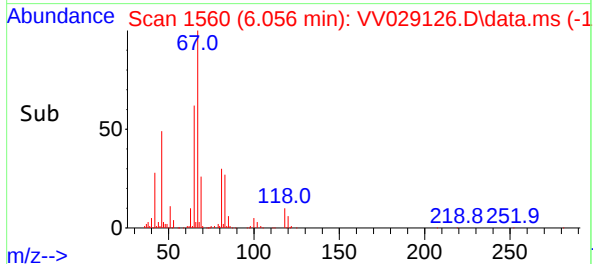
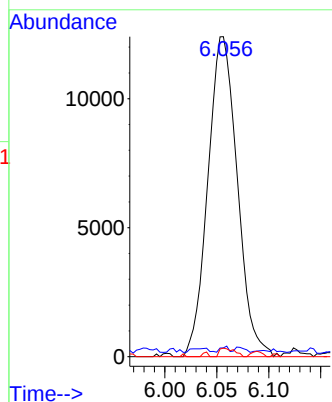
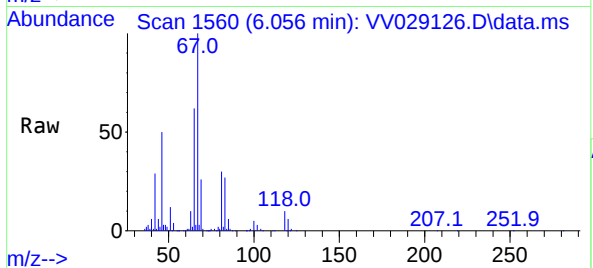
Tgt Ion: 83 Resp: 24480

Ion Ratio Lower Upper

83 100

55 0.8 55.8 83.6#

98 1.4 38.2 57.2#



#61

1,2,3-Trichloropropane

Concen: 1.704 ug/L

RT: 11.239 min Scan# 3172

Delta R.T. 0.971 min

Lab File: VV029126.D

Acq: 18 Nov 2022 18:25

Tgt Ion: 75 Resp: 12425

Ion Ratio Lower Upper

75 100

77 30.5 26.2 39.2

110 2.0 32.6 48.8#

